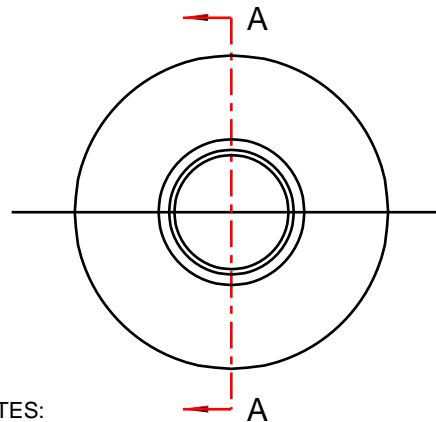


(B)

PLOT SCALE: 1=1

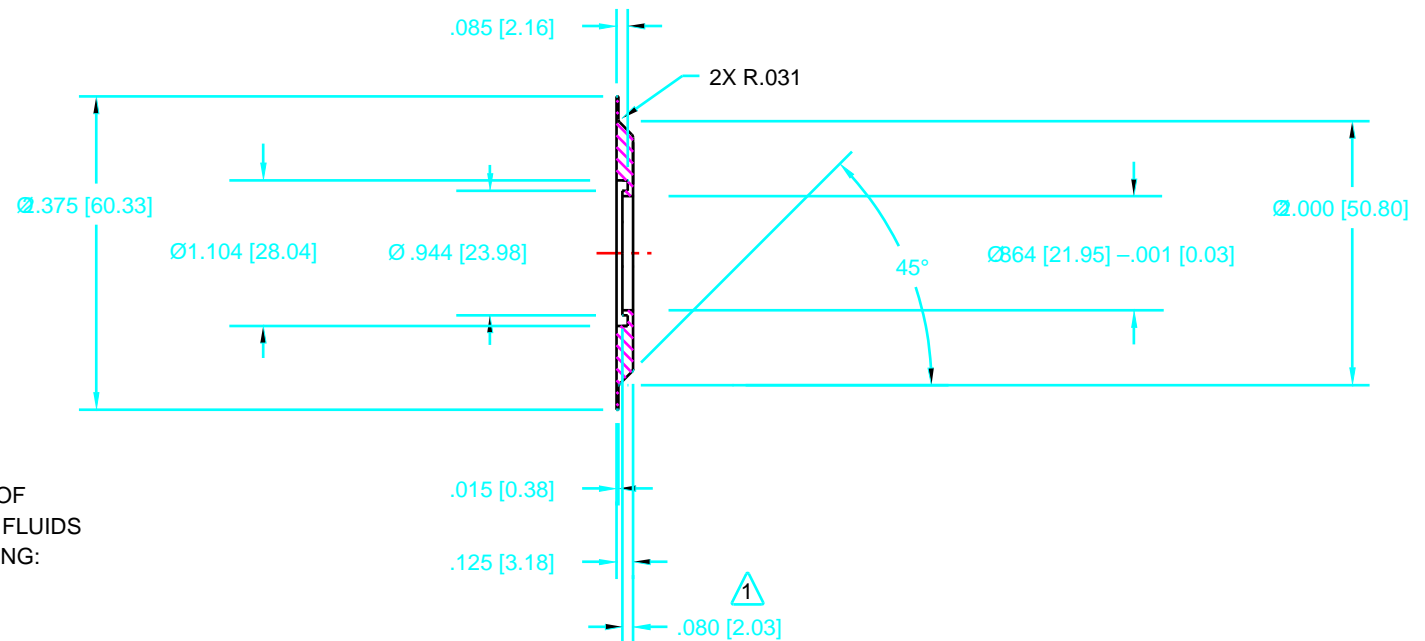
DWG. SCALE: 1

A0950201



## NOTES:

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:  
A) CIMCOOL 5 STAR 49  
B) TRIM SOL
2. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
3. ALL SURFACE FINISHES ARE <sup>63</sup> ✓
4. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. DIMENSIONS IN [ ] ARE MILLIMETERS



SECTION A - A

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION				MATERIAL / SPEC	QTY	
PARTS LIST								
<div>UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES</div> <div>TOLERANCES</div> <div>DECIMALSANGULAR</div> <div>.X - .03 [.7620] - .25</div> <div>.XX - .01 [0.25]</div> <div>.XXX - .005 [0.127]</div> <div>SURFACE ROUGHNESS125✓</div> <div>REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.</div> <div>SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1</div> <div>DIMENSIONING &amp; TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5</div> <div>DO NOT SCALE DRAWING</div>		LOG NUMBER		<div>THIS DRAWING IS THE PROPERTY OF</div> <div>ARGONNE NATIONAL LABORATORY</div>				
		A0950201						
		DRAWN BY		DATE	CHIEF DESIGN ENGINEER	DATE	TITLE	
		MUSCIA		4/5/93	D. SHU	8/27/93	ADVANCED PHOTON SOURCE	
		CHECKED BY			GP LEADER		P1 1-ST PHOTOH SHUTTER	
D. SHU		8/27/93	T.M. KUZAY	8/30/93	SLOW ACTUATOR UPPER			
DESIGNER			PROJECT MGR.		BELLOWS FLANGE			
SHU/MUSCIA		8/27/93						
RESPONSIBLE ENGINEER			APPROVED/RELEASED					
D. SHU		8/27/93						
MATERIAL		304 STAINLESS STEEL		SCALE	1:1	SIZE	DRAWING NUMBER	
				SHEET	1 of 1	B	P4102010103-220201-01	

1	.080 [2.03] DIM. ADDED	M.J.M.		
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				